

9.9000

83233

3,2100

S/053/60/057 A04/009/012

9.6150

E032/E314

AUTHORS: Gringauz, K. I., Kurt, V. G., Moroz, V. I. and
Shklovskiy, I. S.

TITLE: Results of Observations Obtained with the Aid of
Charged-particle Traps^w Mounted on Soviet Cosmic
Rockets at Altitudes up to 100 000 km

PERIODICAL: Astronomicheskiy zhurnal, 1960, Vol 37 No. 4
pp. 716 - 735

TEXT: The ionized gas and energetic electrons in interplanetary space were investigated with the aid of three-electrode charged-particle traps mounted on three Soviet cosmic rockets. These traps are the result of further development of instruments based on probe methods. Four three-electrode ion traps were mounted on the spherical container carried by the first Soviet cosmic rocket launched in the direction of the Moon on January 2, 1959. Each trap (X) consisted of three hemispherical and concentrically-mounted electrodes whose radii were 60, 22.5 and 20 mm, respectively. The two outer electrodes were fine metal grids while the third electrode was continuous and served as the collector of the charged particles. The potentials relative to the body of the container

Card 1/9

307/53-69-2-10/10

29(2)

AUTHOR:

Gringauz, K. I.

TITLE:

Letters to the Editor. On the Article by Ya. L. Al'pert "On a Method of Investigating the Ionosphere by Means of an Artificial Earth Satellite"

PERIODICAL:

Uspekhi fizicheskikh nauk, 1959, Vol 69, Nr 2, pp 345-347
(USSR)

ABSTRACT:

After publication of the above mentioned article by Al'pert (Uspekhi fizicheskikh nauk, 1958, Vol 64, Nr 1) the editor received a number of readers' letters, which are given in abstract form without mentioning the name of the writer. In these (four) letters the method of investigating the ionosphere suggested by Al'pert is criticized, and the improper application of a number of formulas is discussed. In a summary this method is described as incorrect, and it is said that it cannot be used for measuring those ionospheric parameters for which it had been suggested in Al'pert's article. In one of the letters the dispersion interferometer by L. I. Mandel'shtam and N. D. Papaleksi (Ref 4) is mentioned. There are 4 references, 3 of which are Soviet.

Card 1/1

Rocket Measurements of Electron Concentration in the SGV/2o-12o-6-19/52
Ionosphere by Means of an Ultrashort-Wavelength Dispersion Interferometer

difference. All rockets which are of interest to this investigation were launched in medium latitudes of the European part of the USSR. The results of the measurements are presented in diagrams. According to the results obtained no distinctly marked E-layer is found in the ionosphere. Further details are given. The heights at which the radio waves of the ionosphere station are reflected in the range of the layer F are by 100-150 km lower than the heights recorded by the ionosphere stations according to the state of the ionosphere. Future measurements in the ionosphere with rockets will permit a much better interpretation of the observations of ionosphere stations. There are 4 figures and 8 references 2 of which are Soviet.

PRESENTED: April 22, 1958, by A. N. Shchukin, Member, Academy of Sciences, USSR

SUBMITTED: April 11, 1958
Card 2/3

SOV/20-120-6-19/59

AUTHOR: Gringauz, K. I.

TITLE: Rocket Measurements of Electron Concentration in the Ionosphere by Means of an Ultrashort-Wavelength Dispersion Interferometer (Raketnyye izmereniya elektronnoy konsentratsii v ionosfere s pomoshch'yu ul'trakorotkovolnennogo dispersionnogo interferometra)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 120, Nr 6,
pp 1234 - 1237 (USSR)

ABSTRACT: First the author gives a general survey on the state of this problem. The experiments were carried out as follows. In a rocket which was launched in an almost vertical direction radiotransmitters were mounted emitting coherent ultrashort waves with the frequencies f_1 and $f_2 = pf_1$. These waves were received in two places on the globe. The phase differences and the intensities of the received oscillations were directly measured. At the same time the coordinates of the rocket were determined by optical and radiolocation methods. Apart from this the ionosphere was sounded. In these experiments $f_1 = 48 \cdot 10^6$ c and $f_2 = 144 \cdot 10^6$ c ($p=3$). A formula is written down for the phase

Card 1/3

GRINGAUZ, K.I.

Using ultrashort-wave dispersion interferometers in rocket
measurements of electron density in the ionosphere. Isk.sput.
Zem. no.1:62-66 '58. (MIRA 12:2)
(Interferometry) (Ionospheric research)
(Atmosphere, Upper--Rocket observations)

53-1b-16/18

On the Measurement of the Concentration of the Positive
Ions Along the Orbit of an Artificial Earth Satellite.

field. Two netlike globular ion-traps are fixed on the satellite on diametrically opposed places in such a manner that at least one of them lies in the vacuous space behind the satellite. The carrying out of the tests and the effects distorting the measurements are also discussed.

(5 illustrations)

ASSOCIATION: not given.
PRESENTED BY: -
AVAILABLE: Library of Congress.
SUBMITTED: -

CARD 5/5

57-1b-1678

On the Measurement of the Concentration of the Positive
Ions Along the Orbit of an Artificial Earth Satellite.

On the distribution of charged particles around the satellite: Near the satellite the temperature as well as the concentration of electrons and ions will not change essentially. There will also not be an impoverishment of the plasma on charged particles near the surface of the satellite caused by diffusion. Due to the various speeds of the electrons and ions the satellite must acquire a negative charge. The satellite and the vacuous space behind it is surrounded by a layer of positive charges.

The potential of the satellite: At the conditions prevailing in the F₊ layer, at T = 1000° K and absence of photoemission, the potential in all points of the surface of the satellite will be negative and not higher than 1 V. The corresponding thickness of the layer with positive space charge are also given.

The principle of measurements: The concentration of charged particles in the ionosphere is best measured by a method which is based on the uninterrupted measurement of the current of the charges of one sign. For this an apparatus is used with a screened collecting electric

CARD 4/5

SP-1B-15/18

On the Measurement of the Concentration of the Positive
Ions Along the Orbit of an Artificial Earth Satellite.

This concentration is the most important characteristic
of the free atmosphere.

Some characteristics of the ionosphere in the altitudes
to be investigated. The authors here give some data
based on the conceptions of publications of recent years.
These data partly also take the experience made with
rocket tests in the upper atmosphere into account.
A diagram illustrates the course of temperature with
increasing height. The velocity of motion of the artificial
earth satellite ($v_{sp} = 8 \cdot 10^3$ cm/sec) is by one order
of magnitude lower than the thermal speed of the electrons
but by one magnitude higher than the velocity of the
ions. The free length of path in 200 km altitude according
to rocket tests is $\lambda \sim 3 \cdot 10^4$ cm. From an aerodynamic
point of view the satellite is supposed to move in the
region of free molecular current.

CARD 3/5

53-10-16, 28

On the Measurement of the Concentration of the Positive
Ions Along the Orbit of an Artificial Earth Satellite.

The disadvantage of the first group of methods is the influence of the entire atmosphere lying between the satellite and the earth on the signals to be received. In any case the second method is by far the more expedient. The motion of the satellite, however, disturbs the state of its surroundings and generally also changes the quantities to be measured. This is especially true for the study of the concentration of the charged particles in the ionosphere. But if the physical parameter and the method of measurement are suitably chosen, the direct study of the properties of the ionosphere by artificial satellites may furnish valuable results. According to the authors the concentration of positive ions is the most suitable parameter for such measurements. If the negative ions should practically be absent in the altitudes eligible for the flight of the satellite, as it is almost unanimously assumed in publications dealing with this field, the determination of the concentration of the positive ions is equivalent to the determination of the concentration of free electrons.

CARD 2/5

53-18-16/48

AUTHOR
TITLE

GRINGAUZ, K.I., ZELIKMAN, M.KH.
On the Measurement of the Concentration of the Positive
Ions Along the Orbit of an Artificial Earth Satellite.
(Izmereniye kontsentratsii polozhitel'nykh ionov v dol'
orbity iskuss'vennogo sputnika zemli.- Russian)
Uspekhi Fiz. Nauk 1957, Vol 63, Nr 1b, pp 239-252 (USSR)

PERIODICAL

ABSTRACT

Artificial earth satellites are much better suited for the study of the structure of the ionosphere than rockets, for they make possible a long duration of observation and the accumulation of statistically valuable material. The methods for the investigation of the ionosphere by artificial satellites can be subdivided into two main groups:

- 1) the study of the expansion of radio waves between satellite and earth, i.e. the study of the radio signals emitted by the satellite (or the earth) and received by the earth (or the satellite). For the second variety radiotelemetry is applied.
- 2) The measurement of the characteristics of the ionosphere near the satellite by board equipment and transmission of the measurement data to the earth by a radiotelemetric system (or by salvage of the recording equipment placed aboard the satellite).

CARD 1/5

GRINGAUZ, Klara Il'inichna; SABLINA, Tamara Nikolayevna; TRAKHTENBERG,
G.I., oty.red.; GLAZUNOVA, V.V., red.; MEDRISH, D.M., tekhn.red.

[Study of the consumers' demand for fabrics; based on practices
of the Moscow Province Trade Center for Cotton and Linen Goods
of the Main Administration for the Textile Trade] Izuchenie poku-
patel'skogo sprosa na tkani; iz opyta raboty Moskovskoi oblastnoi
torgovoi bazy khlopchatobumazhnykh i l'nianykh tovarov Glavtekstil'-
torga. Moskva, Gos.izd-vo targ.lit-ry, 1957. 38 p.

(MIRA 13:11)

(Consumers' preferences) (Textile industry)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

GRINGAUZ, G.D.

Programming of fatigue testing. Zav.lab. 27 no.10:1282-1287 '61.
(MIRA 14:10)
(Fatigue testing machines)

On the Determination of the Fatigue Limit. Sov/52-25-3-68/13
On the Occasion of the Article by V. S. Ivanova, L. K. Gordiyenko, and
T. P. Kogayev Published in Nr 12 of the Periodical "Zavodskaya laboratoriya".
1957

linear correlation the location of the fatigue curve is plotted much in the same way as was done by M. Ya. Chashin (Ref 1). The technique of determining the fatigue limit described was checked by the fatigue curve obtained by V. I. Shabalin (Ref 2) in the course of bending tests performed with "armco" iron. It is stated that the method can only be used if a certain minimum number of experiment data is available. The method is still to be checked. There are 1 figure and 4 references, 3 of which are Soviet.

28(1)

AUTHOR:

TRANSLATOR:

EDITOR:
REVIEWER:

ABSTRACT:

Синицын, А. В.

On the determination of the fatigue limit by means of the generalized accelerated method (in the case of a linear fatigue curve). By V. S. Ivanova, N. N. Gordienko, and A. V. Sinyitsyn, published in "Результаты лабораторных испытаний и оценки качества материалов и изделий" (Results of laboratory testing and quality assessment of materials and products) published by V. P. Kosyrev, опубликованных в № 10 журнала "Лаборатория" за 1977 г.)

Zavodskaya laboratoriya, 1991, vol. 2, no. 4, pp. 246-247 (S. 13).

The accelerated method for determining the fatigue limit described by V. S. Ivanova and N. N. Gordienko cannot be used because of the insufficient number of samples used as well as the fact that the straightness of the fatigue curve is not determined accurately enough. The author of the present paper in one of his investigations used the statistical method for recording the location of the fatigue curve and calculating the fatigue limit. The method is based on the use of the Oding-Weibull formula and an equation of the linear correlation function of two statistical variables (x, t), by the method of

GRINGAU, F. T.

218 Slesar' Po Sanitarno-Tekhnicheskim Rabotam. (Uchebnik Dlya Kemesl. Uchilishch.) Izd. 2-e, Pererabor. I Dop. M., Trudrezeruizdat. 195/. 343 S. S Ill 23 SM, 15.000 EKZ. 5r. 85 K V Per--Bildigor: S. 336- (54-54394) 696t621.95t(016.3)

SO: Knizhnaya, Letopis, Vol. 1, 1955

GRINGAUZ, Filipp Isaakovich, inzh., zasl. uchitel' profes.-tekhn. obrazovaniya RSFSR; SMIRNOV, L.I., nauchnyy red.; STRATILATOVA, K.I., red.; TOKER, A.M., tekhn. red.

[Sanitary engineering] Sanitarno-tehnicheskie raboty. Izd. 4., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Prof-tekhizdat, 1961. 502 p. (MIRA 15:3)
(Sanitary engineering)

GRINGAUZ, Filipp Isaakovich, inzh.; RABKIN, G.M., inzh., nauchnyy red.;
PAKHOMOVA, M.A., red.izd-va; STEPANOVA, E.S., tekhn.red.

[Fitter-tinner for installing ventilation in industrial enterprises]
Slesar'-zhestianshchik po promyshlennoi ventilatsii. Izd.3., perer.
i dop. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.
materialam, 1959. 261 p. (MIRA 12:12)
(Factories--Heating and ventilation)

GRINGAUZ, Filipp Issakovich, inzh.; SMIRNOV, L.I., inzh., nauchnyy red.;
BURMISTROV, G.N., red.; TOKER, A.M., tekhn.red.
[Sanitary-engineering operations] Sanitarno-tekhnicheskie raboty.
Izd.3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo
Trudrezervizdat, 1958. 407 p. (MIRA 12:2)
(Sanitary engineering)

GRINGAUZ, FILIPP ISAAKOVICH

~~GRINGAUZ~~ Filipp Isaakovich, inzhener; SMIRNOV, L.I., inzhener, laureat
Stalinckoy premii; nauchnyy redaktor; BURMISTROV, G.N., redaktor;
KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[The plumber] Slesar' po sanitarno-tehnicheskim rabotam. Izd. 2-e,
perer. i dop. Moskva, Vsesoyuznoe uchebno-pedagog izd-vo trud-
rezervizdat, 1954. 341 p. (MIRA 8:4)
(Plumbing)

GRINGAUZ, F.I., inzhener.

[Tinsmith in industrial ventilation] Zhestianshchik po promyshlennoi
ventiliatsii. Izd.2., perer. Moskva, Gos. izd-vo lit-ry po stroitel'-
stvu i arkhitekture, 1953. 235 p. (MLRA 6:12)
(Ventilation) (Factories--Heating and ventilation)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

GRINGAUZ, D.

Specialization is the basis of over-all mechanization in ship
repairs. Mor. flot 23 no.4:34-35 Ap '63. (MIRA 16:5)

1. Nachal'nik tekhnicheskogo otdela Klaypedskogo sudorementnogo
zavoda. (Ships--Maintenance and repair)

GRINGAUZ, Aleksandr Solomonovich.; ORLOV, V., red.; TROYANOVSKAYA, N.,
tekhn. red.

[Why labor productivity has to increase faster than wages] Pochemu
proizvoditel'nost' truda dolzhna rasti bystree zarabotnoi platy.
Moskva, Gos. izd-vo polit.lit-ry, 1958. 34 p. (MIRA 11:11)
(Labor productivity)
(Wages)

GRINGAUZ, Abram Filippovich; KOPTEVSKIY, D.Ya., red.; SUSHKEVICH,
V.I., tekhn.red.

[Manual on the equipment of study rooms in building, trade,
and technical schools for mechanics in sanitary engineering,
pipe fitting and pipe laying] Rukovodstvo po oborudovaniyu
uchebnykh kabinetov v stroitel'nykh, remeslennykh i tekhnicheskikh
uchilishchakh po professii slesari po sanitarno-tehnicheskim rabotam i slesari-truboprovodchiki-truboukladchiki. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat,
1959. 130 p. (MIRA 12:9)

(Trade schools--Equipment and supplies)
(Pipe fitting--Study and teaching)

VASHENTSEVA, V.M.; VOLKOV, M.I.; ZHAMIN, V.A.; ZHUKOV, F.G.; CHUBUK, I.F.;
KAPUSTIN, Ye.I.; KOZLOVA, N.G.; KOROCHKIN, V.V.; KUL'KOV, A.V.;
MARINKO, I.L.; MOLCHANOV, B.M.; ROMANOV, B.V.; FEDOROV, V.I.;
SHIRINSKIY, I.D.; GRINGAUZ, A., red.; SHLYK, M., tekhn. red.

[How to study the economics of socialism] Kak izuchat' politicheskuiu ekonomiu sotsializma; posobie dlia rukovoditelei seminarov sistemy partiinogo prosveshcheniya. Moskva, Mosk. rabochii, 1961.
(MIRA 14:8)
239 p.

1. Dom politicheskogo prosveshcheniya, Moscow.
(Economics—Study and teaching)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

ROGOZHIN, N.; GRINGAUZ, A.

Valuable advice, effective suggestions. Grazhd. av. 17 no. 23-24
Ag '60. (MIRA 13:9)
(Aeronautics, Commercial--Freight)

GRINGART, S.B., dots.

Zoobenthos and food resources of Grigor'yevka Liman. Pratsi Od.
un. Ser. biol. nauk no.8(vol.147):131-141 '57. (MIRA 12:4)
(Grigor'yevka Liman--Marine fauna) (Fishes--Food)

5/24/97 2:06:21 PM
A060/A000

Remarks on a numerical method of solving ordinary ...

(where the c_j are numerical coefficients, $x_1 = x_0 + \lambda_1 h$, $0 \leq \lambda_1 \leq 1$ are the abscissae of the quadrature formula) and of the error obtained by substituting in the expression $f(x, y)$ the exact values $y(x_1)$, the approximate ones $\tilde{y}(x_1)$ obtained by another method whose error is of the order $O(h^{p-1})$, has an order of smallness higher by unity, i.e., $O(h^p)$. It is demonstrated that in the case when the Runge-Kutta method is used as that other method for calculating the intermediate values of y , the resultant error at all the points $x_0 + ih$, $x_0 + 2h$, ... is of one and the same order $O(h^p)$.

D.B. Topolyanskiy

[Abstracter's note: Complete translation]

Card 2/2

3/544/62/000/011/437/c64
A06 (/ A06).

AUTHOR: Grinfeld, U.

TITLE: Remarks on a numerical method of solving ordinary differential equations

PERIODICAL: Referativnyy zhurnal. Matematika, no. 11, 1962, 36, abstract 117129
(Uch. zap. latv. un-t, 1961, v. 41, 39 - 41; summary in Latvian)

TEXT: The author considers the general scheme of the method proposed by Stolier and Morrison (RZhMat, 1960, 45(3)) for the numerical integration of an equation $y' = f(x, y)$ with an initial condition $y(x_0) = y_0$. Under certain assumptions as to the function $f(x, y)$ it is established that the resultant error of the approximate solution at a point $(x_0 + h)$ consisting of the error of the quadrature formula

$$\int_{x_0}^{x_0+h} f(x, y(x)) dx = \sum_{i=1}^n c_i f(x_i, y(x_i)) + o(h^r)$$

Card 1/2

EVENTOV, Ya.S.; BEZBORODOV, R.S.; GRINFEL'D, M.I.; IVANOVA, A.N.; MOVSHOVICH, E.B.; KHABAROVA, T.N.

Data on the geology and oil and gas potentials of southern Astrakhan Province and adjacent areas of the Kalmytskaya A.S.S.R. Trudy VNIGNI no.30:293-319 '61. (MIRA 14:9)

(Astrakhan Province--Petroleum geology)
(Astrakhan Province--Gas, Natural--Geology)
(Kalmytskaya A.S.S.R.--Petroleum geology)
(Kalmytskaya A.S.S.R.--Gas, Natural--Geology)

ZEBROVSKIY, V.V.; RUBINSHTEYN, F.I.; Prinimali uchastiye: GORNAYA, R.A.;
KOTOVA, M.A.; GRINFEL'D, Ye.M.; NOVOZHILOVA, V.I.; KURESKAYA, A.G.

Developing the system of corrosion-preventing coatings for the
protection of metals under tropical climate conditions. *Lakokras.*
mat.i ikh prim. no.3:25-31 '60. (MIRA 14:4)
(Metals--Corrosion) (Protective coatings)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

GRINFEL'D, Ya. V.

Preliminary crystallisation of green syrup before boiling to second product. A. S. Svyatishenko and Y. V. Grinfel'd (*Sakhar. Prom.*, 1952, No. 3, 40; *Sug. Ind. Abstr.*, 1952, **14**, 86).—When working with high-purity massectures, the green syrup returned to second product had a purity of 85—88%. To reduce this, the green syrup was further crystallised in mixers to give a 42—43% crop of crystals and to bring the syrup purity to ~78%. After centrifuging, this syrup was returned to second boiling. P. S. ARUP.

FD-1172

GRINFEL'D, U. K.

USSR/Mathematics - Cauchy problem

Card 1/1

Pub. 118-13/30

Author

: Myshkis, A. D., and Grinfel'd, U. K.

Title

: Continuous dependence of the solution to the Cauchy problem upon the initial data

Periodical

: Usp. mat. nauk, 9, No 3(61), 171-174, Jul-Sep 1954

Abstract

: The authors state that there is still no clarification as to the connection between the existence and uniqueness of solution of a boundary-value problem, on the one hand, and the continuous dependence of this solution upon the boundary conditions, on the other hand. The authors give an example where the existence and uniqueness of solution of a Cauchy problem for a differential second-order equation holds but the continuity of the dependence of the solution of this problem upon the initial conditions does not exist. No reference.

Institution :

Submitted : August 28, 1953

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

ZABELODICH VICH, I.A.; MAGIN, D.V.; GRIFEL'D, A.N.; GLAZOV, S.F., kand. tekhn. nauk, retsevzent

[Concise manual on automatic controllers of oiler systems]
Automaticeskie regulatory naftotokovkh ustroystv; kratkiy
spravochnik. Moscow, Izdat. "Naftaustroenie", 1974. 475 p.

BARKOVSKAYA, K.S.; BEZBORODOV, R.S.; BROD, I.O., prof., doktor geol.-mineral. nauk; BUN'KOV, M.S.; GRINFEL'D, M.I.; ZHIVAGO, N.F.; IBRAGIMOV, D.M.; KUDRYAVTSEV, M.P.; LEONOV, G.P.; MOSKVIN, M.M.; NAZAROV, R.I.; NESMEYANOV, D.V.; NIKOLENKO, V.A.; VYSOTSKIY, I.V., nauchnyy red.; RUSAKOVA, L.Ya., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Geology of the eastern part of the northern slope of the Caucasus]
Geologicheskoe stroenie vostochnoi chasti severnogo sklona Kavkaza.
Pod red. I.O.Broda. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr.otd-nie, 1960. 319 p. (Trudy Kompleksnoi IUzhnoi Geologicheskoi Ekspeditsii, no.2). (MIRA 13:11)
1. AN SSSR. Kompleksnaya Yuzhnaya Geologicheskaya Ekspeditsiya, 1956-.
2. Vsesoyuznyy nauchno-issled.institut gazovoy promyshlennosti (for Zhivago, Kudryavtsev). 3. Kafedra istoricheskoy i regional'noy geologii (for Leonov, Moskvin). (Caucasus, Northern--Geology)

GRINFEL'D, I.G., inzh.

Concerning B.V. Chirkov's article "Mechanization of loading finished products at briquetting plants". Torf. prom. 38 no.8:18. 20 '61.
(MIRA 14:12)

1. Gosudarstvennyy institut po proyektirovaniyu zavodov torfyanoy promyshlennosti Vserossiyskogo Soveta Narodnogo khozyaystva.
(Peat--Transportation)

GRINFEL'D, I.G.

Types of briquetting plants for construction from 1959 to 1965.
Torg. pron. 35 no. 4:27 '58. (MIRA 11:?)

1. Glavnyy inzhener proyekta Giprotoprom.
(Briquets(Fuel))
(Peat)

GRINFEL'D, Eduard Karlovich; PETROVICHEVA, O.L., red.; YELIZAROVA,
N.A., tekhn. red.

[Origin of anthophilous habits in insects] Proiskhozhdenie
antofilii u nasekomykh. Leningrad, Izd-vo Leningr. univ.,
1962. 185 p. (MIRA 16:2)
(Insects--Food) (Fertilization of plants)

GRINFEL'D, E.K.

Feeding of thrips (Thysanoptera) on the pollen of flowers and the
origin of asymmetry in the structure of their mouth parts. Ent.
oboz. 38 no.4:798-804 '59 (MIRA 13:3)

1. Kafedra entomologii Leningradskogo gosudarstvennogo universiteta im. A.A. Zhdanova, Leningrad.
(Thrips)

GRINFEL'D, E.K.

Feeding of adult neuropterans on flower pollen and their
possible role in the development of entomophily in plants.
Vest. LGU 14 no. 9:48-55 '59. (MIRA 12:5)
(NEUROPTERA) (INSECTS--FOOD) (FERTILIZATION OF PLANTS)

GRINFEL'D, E.K.

Significance of nocturnal insects in the pollination of sunflowers.
Agrobiologija no.4:634-635 Jl-Ag '59. (MIRA 12:10)

1. Leningradskiy gosudarstvennyy universitet imeni A.A. Zhdanova,
kafedra entomologii. (Sunflowers) (Insects, Injurious and beneficial)

SHVANVICH, Boris Nikolayevich; GRINFEL'D, E.K., dotsent, otd.red.;
PETROVICHEVA, O.L., red.; VODOBAGINA, S.D., tekhn.red.

[Introduction to entomology] Vvedenie v entomologiju.
Leningrad, Izd-vo Leningr.univ., 1959. 341 p. (MIRA 12:9)
(Entomology)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

GRINFEL'D, Ye.K.; ISSI, I.V.

Role of beetles in the pollination of plants. Uch. zap. LGU
no.240:148-159 '58. (MIRA 11:9)
(Fertilization of plants) (Beetles)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

GRINFEL'D, E.K.

Boris Nikolaevich Shvanvich; obituary. Vest. LGU 13 no.15:156-157
'58. (MIRA 11:9)
(Shvanvich, Boris Nikolaevich, 1889-1957)

COMPTY	: 1000
CATEGORY	: Standardized and specialized techniques, automated, mechanized and computerized.
APP. PROC.	: Standard, 1000, 1000, 1000
EDITION	: 1
ISSUE	: 1
DATE	: 1
CROSS REF:	
DEFINITION	: Action is planned to be direct, clandestine, and legal, clandestine, or disguised, but does not involve the use of force, threat of force, or the use of military personnel. It may also include the use of military equipment and supplies, but not the use of military personnel. It may also include the use of military equipment and supplies, but not the use of military personnel. Also, it requires the first primitive, primitive, violent phase, an essential part in the appearance of credibility, -- i.e., a cover.
Cmnt: 2/2	

COUNTRY : USSR
CATEGORY : General and Specialized Zoology. Insects.
SUB-CATEGORY :
FAMILY : Coleoptera, Curculionidae, Curculio, Curculio
SUB-FAMILY : Curculioninae
GENUS : Curculio
SPECIES : Curculio coryli L.
TITLE : Breeding of Egg Curculio coryli L. and its control in the field of Flora and Fauna in the Soviet Union. The emergence of adult beetle. 1924-1933.
CITE. PGS. : Natural History, 1927, Moscow, p. 100

Text:
Curculio coryli L. is a small beetle, 4-5 mm long, with a dark brown body, with a light brown or yellowish brown pattern on the elytra, pit patterns and appendages. Antennae very long, apparently in the anterior 3rd segment, and also in 8-segmented, with 2nd segment being the largest. The mandibles are strongly sclerotized. The head has 3 ocelli. There is a distinct longitudinal depression between the eyes and a prominent lateral process on each side of the head. The wings are well developed, the forewings being longer than the hindwings. The legs are strong and well developed, the tarsi having 5 toes. The antennae are long and slender, the scape being longer than the flagellar segments combined.

Card: 4/2

* titles

GRINFEL'D, E.K.

Work of pollinators on alfalfa. Vest. Len. un. 11 no.15:66-72
'56. (MLRA 9:10)

(Alfalfa) (Fertilization of plants) (Bees)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

GRINFEL'D, E.K.

Diptera feeding on nectar and pollen and its role in the pollination
of plants. Vest.Len.un.10 no.10:15-25 '55. (MLRA 9:1)
(Fertilization of plants) (Insects, Injurious and beneficial)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

GRUPO 10, S.A.

Carolina de **Copy** (10) "Pocahontas" levora (10) o tempo de cada um deles. O tempo
de cada um deles é de 10 segundos.

ON: (End of list of questions about 10, S.A., etc.)

PAVLOV, A.N.; GRIMFEL'D, E.G.

Effect of the number of kernels per cob on zein accumulation in corn.
Bot.zhur. 48 no.2:216-218 F '63. (MIKA 16:4)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva AN SSSR i
Krasnodarskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva.
(Corn (Maize)) (Zein)

GRINFEL'D, E.G.; KORZHINA, A.N.

Evaluating the frost resistance of winter wheat and winter
barley in relation to their varietal characteristics in
Krasnodar Territory. Agrobiologija no.2:188-191 Mr-Ap '62.
(MINA 15:4)

1. Krasnodarskiy nauchno-issledovatel'skiy institut sel'skogo
~~khozyaystva.~~

(Krasnodar Territory--Wheat--Frost resistance)
(Krasnodar Territory--Barley--Frost resistance)

GRINFEL'D, E.G.

Physiological aspects of hard winter wheat culture in Stalingrad Province. Fiziol. rast. 6 no.4:400-407 Jl-Ag '59.
(MIRA 12:10)

1. Stalingrad State Agricultural Experimental Station.
(Stalingrad Province--Wheat)

GRINEL'D, E.G., kand.biol.nauk

Problems pertaining to the flowering of corn. Agrobiologija
no.1:86-90 Ja-F '59. (MIRA 12:4)

1. Stalingradskaya gosudarstvennaya sel'skokhozyaystvennaya
opytnaya stantsiya.
(Corn(Maize))

SOV/20-120 5-36
On the Catalase Activity in Seeds Treated in a Centrifuge

1. Seeds--Visability 2. Centrifuges--Physiological effects 3. Plants--Growth
4. Catalase--Performance 5. Plants--Biochemistry

Card 3/3

SOV/20-120-5-58/67
On the Catalase Activity in Seeds Treated in a Centrifuge

The increased catalase activity is maintained if the centrifuged seeds are stored in moist sand (Tables 2, 3). It increases even in the course of time (Tables 1, 1a). It can be concluded from this fact that centrifuging increases the activity of all physiological and biochemical processes in the seeds. The different types and species of plants react to centrifugation in different ways. Thus, the results of centrifuging depend on the biological properties of the plants themselves. There are 3 tables and 6 references, 6 of which are Soviet.

- ASSOCIATION: Nauchno-issledovatel'skiy institut sel'skogo khozyaystva g. Krasnodar (Scientific Research Institute of Agriculture Town of Krasnodar)
- PRESENTED: March 24, 1958, by A. L. Kursanov, Member, Academy of Sciences, USSR
- SUBMITTED: March 22, 1958

Card 2/3

AUTHOR: Grinfel'd, E. G. SOV/20-120-5-56/67

TITLE: On the Catalase activity in Seeds Treated in a Centrifuge
(Ob aktivnosti katalazy v tsentrifugirovannykh semenakh)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 5, pp. 1138-1-40
(USSR)

ABSTRACT: The author proved earlier (Ref 6) that the intensity of the processes of growth increases if the swollen seeds are centrifuged. On this occasion the dry weight of the 8-12 days old plants increases by 36 %. Apparently the cellular content (structural elements, nutrient substances) is shifted polarily by centrifuging. It seems that by this process the biochemical processes are activated, which can be determined by the catalase activity. Therefore it may serve as an index of the reaction of plant organisms to an undergone action. It can be seen from the data on table 1 and 2a that immediately after the centrifuging the catalase activity in the seeds was higher in all plants investigated and at different periods of exposure than in the control. The increase of the activity depends on the type of the plant as well as on the species.

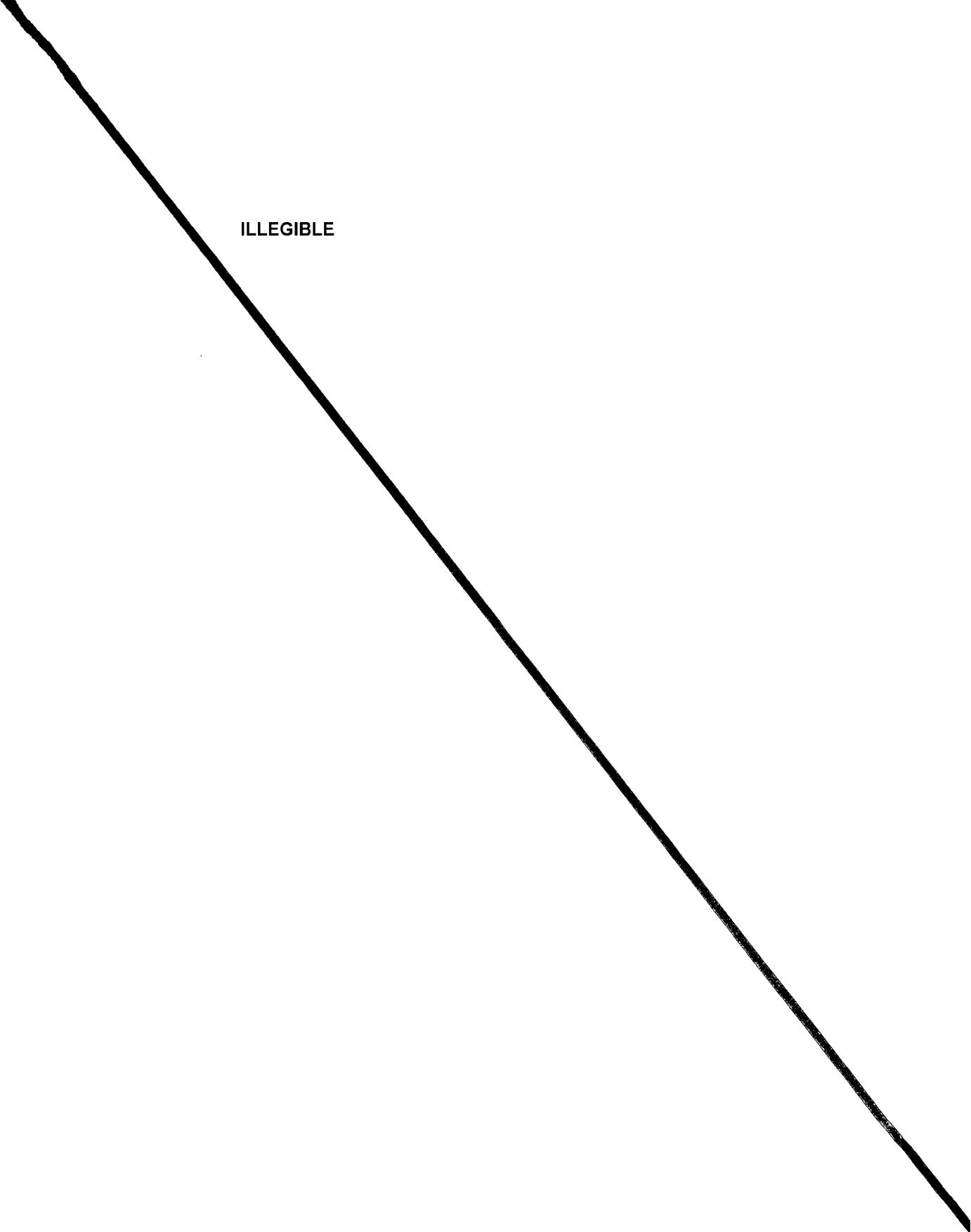
GRINFEL'D, E.G.

Some physiological features of hard spring wheat grown on fallowed
land as related to basic tillage practices [with summary in English]
Fiziol. rast. 5 no.2:132-146 Mr-Ap '58. (MIRA 11:4)

1. Stalingradskaya oblastnaya sel'skokhozyaystvennaya opytnaya
stantsiya, Stalingrad.
(Wheat) (Tillage)

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ILLEGIBLE



CHIEF OF STAFF

ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE, INTELLIGENCE REPORTS,
INTELLIGENCE SECTION

ASSISTANT CHIEF OF STAFF FOR INTELLIGENCE, INTELLIGENCE SECTION

REF ID: A21000000000000000000000000000000

NAME: GREGORY

POSITION: Director, Bureau of Intelligence and Counterintelligence, CIA
and Director of Central Intelligence, CIA

ORIGINATING: DIA, DC, DDCI, CIA, FBI, NSA, USAF, USN

AMOUNT: 1
TYPE: 1970's, 1980's, 1990's, 2000's, 2010's
CHARACTERISTICS: 1. Significant emphasis on foreign intelligence agencies and
intelligence services. 2. Significant emphasis on the
intelligence community and its relationships with
intelligence agencies and other government entities.
3. Significant emphasis on the CIA's role in
intelligence and counterintelligence operations.
4. Significant emphasis on the agency's role in
intelligence and counterintelligence operations.

CARD #: 1/2

COUNTRY	:	USSR
CATEGORY	:	Cultivated Plants, Cereals.
PERIOD	:	1956-57, Jan. 14, 1957, No. 5292
Author	:	Dritfeldt, S. A.
TYPE	:	<u>S</u>
TITLE	:	On the Causes of Empty Spikes on Hard Spring wheat.
TYPE	:	S. kh. revolzhya, 1957, No. 6, 30-31
ABSTRACT	:	The complete absence of kernels in the spikes of wheat 'Kalyazopav' is observed in 1956 on an area of 10-20 ha. in Stalingradskaya oblast'. It is explained according to the author's investigations by a sharp rise in the temperature of the atmosphere and the soil and by the lowering of the reserves of available moisture in the soil to zero. The working absorbing surface of the roots in hard wheat is located at a depth of to 27 cm. There is twice as much aerial mass per unit of the working absorbing surface as in soft wheat. -- I.N. Zaitkin

Form: 1/1

GRINFEL'D, E.G.

Productive capacity of winter rye on various genetic horizons
of steppe Solonetz soils [with summary in English]. Pochvovedenie
no.2:66-71 F '57. (MLRA 10:5)

1. Krasnodarskiy Nauchno-issledovatel'skiy institut sel'skogo
khozyaystva.
(Rye) (Solonetz soils)

USSR / Cultivated Plants. Cereal Crops.

M-3

Abs Jour : Ref Zhur - Mologiya, No 13, 1958, No. 58550

the vitality of pollen and stigmas. Taking into account that the fertilization of stigmas can achieve its full effect when pollen humidity goes up to 30%, and that the intensive blooming of panicles begins only at a temperature of about 20°, it is recommended to carry out supplemental pollination only when the temperature reaches 19-20°. --
T. I. Shapiro

Card 2/2

USSR / Cultivated Plants. Cereal Crops.

M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58550

Author : Grinfel'd, E. G.

Inst : Stalingrad State Agricultural Experimental Station

Title : Corn Blooming

Orig Pub : Byul. nauchn. inform. Stalingr. gos. s.-kh. opytn. st.,
1956, No 1, 34-38

Abstract : An experiment with the North Dakota variety was carried out at the Stalingrad State Agricultural Experimental Station in 1955. In the non-irrigated fields in the Stalingrad oblast, pollen dries up quickly in the hottest hours of the day and loses its vitality. The elimination of cross-grain ears or its decrease to a minimum, can be overcome by creating conditions (by increasing the root bed) for the development of a more powerful panicle, of a more prolonged blooming period and the prolongation of

Card 1/2

USSR / Cultivated Plants. Cereal Crops.

M-3

Aks Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58527

activity, an increase in the number and a decrease in the size of leaves, their total surface remaining the same. An increase in the productivity of the assimilation apparatus and a special distribution of the root system in the soil were also observed. The plants were greatly depressed on a disked waste land even in a climatically favorable year such as 1956. -- V. D. Smyslov

Card 2/2

USSR / Cultivated Plants. Cereal Crops.

M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58527

Author : Grinfel'd, E. G.
Inst : Stalingrad State Agricultural Experimental Station
Title : Physiological Characteristics of the Hard Summer Wheat
Depending on the Methods of Basic Cultivation of the
Waste Land

Orig Pub : Byul. nauchn. inform. Stalingr. Gos. s.-kh. opytn. st.,
1958, No 1, 30-33

Abstract : The cultivation of the waste land by deep mallowing
with a plow without a moldboard, proposed by T. S. Mal'zov,
as appropriate under the soil-climatic conditions of the
southern part of the Stalingrad Oblast, creates more
favorable conditions for growing hard summer wheat than
plowing at a depth of 25-27 cm with soil-dopeening of
10-15 cm. This cultivation caused a longer period of

Card 1/2

GRINFEL'D, E. G.

USSR/Biology - Plant physiology

Card 1/1 : Pub. 22 - 42/48

Authors : Grinfel'd, E. G.

Title : Feeding of H_2CO_3 to plants through the roots

Periodical : Dok. AN SSSR 97/5, 919-922, August 11, 1954

Abstract : The problem of feeding H_2CO_3 to plants through their roots is discussed. Seven USSR references (1949-1953). Tables.

Institution : ...

Presented by : Academician A. L. Kursanov, May 26, 1954

GRINFEL'D, D.G.

Improving the design of the circuits for sugar beet feeding and
for the purification of the second wash waste waters. Sakh.
prom. 37 no.10:ll-14 0 '63. (MIRA 16:12)

1. Kurskiy filial Gosudarstvennogo proyektogo instituta
sakharoy promyshlennosti.

GRINFEL'D, D.G.; RAYZMAN, M.M.

First experiment in the work of the department for equipment adjustment. Sakh. prom. 37 no.8±11-14 Ag '63. (MIRA 16±8)

1. Kurskiy filial Gosudarstvennogo proektchnogo instituta sakharnoy promyshlennosti.
(Sugar industry-Equipment and supplies)

YEVIN, P.A.; KHARCHENKO, N.S.; GRINFEL'D, B.A., glavnyy vrach; KONONENKO, I.F.,
dotsent, direktor.

Allyl glycerin therapy of trichomonal colpitis. Novosti med. no.34:23-24
'53. (Mlada 6:9)

1. By-p rodom i zhenskaya konsil'tatsiya, Khar'kova (for Grinfel'd).
2. Khar'kovskiy meditsinskiy institut (for Kononenko).
(Vagina--Diseases) (Garlic--Therapeutic use)

MYSHKIS, A.D.; GRINFEL'D, A.G.

Transferring S.A. Chaplygin's theorem on differential inequalities
to difference inequalities. Uch.zap.BGU no.32:25-28 '57.
(MIRA 11:12)
(Inequalities (Mathematics))

GRINFEL'D, A.A.; POBEDONOSTSEV, A.I., otvetstvennyy redaktor; KUZNETSOV, A.D.,
redaktor izdatel'stva; KOTLYAKOVA, O.I., tekhnicheskiy redaktor

[Experience in rapid construction of mooring installations] Opyt
skorostnogo stroitel'stva prichal'nykh sooruzhenii. Leningrad,
Izd-vo "Morskoi transport," 1957. 43 p. (MIRA 10:7)
(Anchorage)

GRINFEL'D, A.A., inzhener.

Experience in building sheet pile embankments. Transp. strel. 5
no. 9:12-15 N '55.
(Embankments) (MIRA 9:2)

GOLDBERG, A.A.; VIL'NIKOV, V.B.; BOGDANOV, I.S.; KIL'IN, N.N.
GOLDBERG, V.A.

Study of sources and ways of the distribution of agents of hepatitis (Potkin's disease). Report No. 12. Some data on the periodicity of the occurrence of epidemic hepatitis in Odessa over 11 years (1953-1963) in various age groups. Institute of Hygiene of Odessa. "Zhurn. mikrobiol., epid. i imun." 42 no. 12: 12-20. 1965. (MIA - 156-1)

I. Odesskiy institut epidemiologii i mikrobiologii im. N.N. Mechnikova i Odesskaya gorodskaya i Primorskaya sanatorno-kureinaya sanitarno-epidemiclogicheskaya stantsiya.

GRINFEL'D, A.A.

25685. Grinfel'd, A.A. O sooryashchenii svobodno padaivushchey strui 5
nizhnim b'etom gidrote-khnicheskikh sooruzheniy. Trudy Leningr.
politekhn, in-ta im. Kalinina, 1948, No. 5, 5. 234-54
Bibliogr: 5 nazv

SO: Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

GRINFEL'D, A. A.; NIKOLAYEV, V. I.; MAKAROVNA, V. I.; SHTROKH, L. A.;
BYDEL'MAN, I. V.

"Data on the healthy carrier of dysentery."

Report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists. 1959

GRINFEL'D, A.A.

Grinfel'd, A.A., Rosenblat, O.P., and Nikolayeva, V.L. "Results of studying the effectiveness of inoculations with the Dvirau-Fronovskiy vaccine", Vracheb. zhurn., No. 1, February 69-70.

SD: U-3042, 11 March 53, (Lelepis' Ingkh States, no. 2, 1952)

GRINEVSKIY, V.N.; BOGATYREV, M.F.

Peptic ulcer with multiple localizations in young men. Sov. med.
24 no. 10:49-55 O '60. (MIRA 13:12)
(PEPTIC ULCER)

BOGATYREV, M.F., Gvardii podpolkovnik meditsinskoy sluzhby; GRINEVSKIY,
V.N., podpolkovnik meditsinskoy sluzhby; KAMCHATNOW, R.A., kapitan
meditsinskoy sluzhby

Abcess of the lungs according to hospital data. Voen.-med.zhur.
no.4:26-28 Ap '60. (MIRA 14:1)
(LUNGS---ABCESS)

REVEKSIY, K.A.

[Technical information in industrial enterprises is the important condition for speeding up technical progress]
Tekhnicheskaya informatsiya na preizvedstve - vuchina i u-
loviye uskorenia tekhnicheskogo progreasa. Tulin, liter.
tekhn. informatsii ZKh NKh, 1961. 47 p.

1200A 1200B

VICHENOV, Mekhnur Yefimovich; GUKOV, Fedor Grigor'yevich;
GRINEVSKY, I.A., nauchn. red.; NIKDOROV, V.P., red.

[Construction of rail road tracks] Strukturnye zneniya
dorozhnogo puti. Moscow, Vysshiaia shkola, 1965. 231 p.
(Seriya 18(12))

SHADRIN, Nikolay Aleksandrovich, prof.; PEREL'MAN, Lev Moiseyevich,
dotsent; REPHEV, Andrey Ivanovich, dotsent; SMAGIN, Ivan Serge-
yevich, dotsent; UL'RICH, Sergey Sergeyevich, dotsent. Prinimali
uchastiye: KHACHATUROV, R.A., dotsent; SHURGIN, V.P., kand.tekhn.
nauk; MOZES, B.N., inzh.; ALEKSEYEV, V.N., ekonomist. GRINEVSKIY,
I.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Railroad construction] Stroitel'stvo zheleznykh dorog. Pod red.
N.A.Shadrina. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va
putei soobshcheniya, 1960. 344 p. (MIRA 13:9)
(Railroads--Construction)

DUBINSKIY, P.F., prof., doktor tekhn. nauk; ANDREYEV, B.K.; KUT'INOV, F.I.;
MONAKHOV, I.G.; FISHCHUKOV, M.A.; CHENYAKOV, L.M.; SHADRINA, G.N.;
GRINEVSKIY, I.A., inzh., red.; KHITROV, P.A., tekhn. red.

[Construction work and machines] Stroitel'nye raboty i mashiny.
Pod red. P.F. Dubinskogo. Moskva, Gos. transp. zhel-dor. izd-vo,
1958. 540 p. (MIRA 11:10)
(Railroads--Construction)

PROKHOROV, Dmitriy Vasil'yevich, inzhener; GRINEVSKIY, I.A., inzhener
redaktor; VLASOV, I.I., inzhener; YUDZON, D.N., tekhnicheskiy
redaktor.

[Construction of contact systems on electric railways] Sooru-
zhenie kontaktnoi seti na elektrifitsiruykx zheleznykh dorogakh.
Moskva, Gos.transp.zhel-dor.izd-vo, 1955. 170 p. (MLRA 8:11)
(Electric railroads--Wires and wiring)

GRINEVSKIY, I.A., redaktor; VENINA, G.P., tekhnicheskiy redaktor.

[Instructions referring to standard constructions] Pravila sooruzheniya ob"ektov massovogo stroitel'stva. Moskva, Gos. transp.zhel-dor.izd-vo Section 1. [Railroad roadbeds] Zhelezodorozhnoe zemliance polotno; utverzhdeny Tekhnicheskim upravleniem Ministerstva putei soobshcheniya SSSR. Vvedeny kak vremennye prikazaniem MPS No. G-12585 ot 20 marta 1954 goda. 1954. 27 p. (MLRA 9:1)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zhelezodorozhного stroitel'stva i proyektirovaniya.
(Railroads--Tracks)

GALAKTIONOV, I.V.; YEGOROV, M.D.; GRINEVSKIY, I.A., inzhener, redaktor;
MATSEYEVSKAYA, Ye.M., tekhnicheskiy redaktor

[Experience erecting contact system poles and maintenance buildings
in railroad electrification] Opyt sooruzheniya opor kontaktnoi seti
i tekhnicheskikh zdanii pri elektrifikatsii zheleznykh dorog.
Moskva, Gos. transp. zhel.-dor. izd-vo, 1953. 112 p. (MLRA 7:10)

(Railroads--Buildings and structures)
(Railroads--Electrification)

1. GRINEVSKIY, I. A. (Engineer)
2. USSR (600)
4. Standards, Engineering; Bashinskiy, S. V.
7. "Fundamentals of technical standardization in construction work." Reviewed by Engineer I. A. Grinevskiy. Stroi, Prom. No. 4 (1952)
9. Monthly List of Russian Accessions, Library of Congress, August 1952.
Unclassified

GRINEVSKIY, I.

USSR/Labor - General 5400. Dec 1947

"Rakhmanin Method in Organizing Structural Reconstruction Work," I. Grinevskiy, Engineer Major of Roadways and Construction, 9 pp

"Zh-d Transport" No 12

I. M. Rakhmanin's method for surpassing norms, developed in field of bricklaying, is described in full detail. Describes application of method to erecting furnaces, plaster work and carpentry. Essential principles of method are summarized and analyzed. Some of principles include: division of construction processes into simple stages, workers to qualify for jobs and to be exploited on basis of qualifications, organization of work in such a manner as to insure

USSR/Labor - General 5400. (Contd) Dec 1947

uninterrupted processes, application of up-to-date techniques, and smooth flow of preliminary, ancillary and concomitant jobs.

13G85

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IC

MARTYSHEV, F.G., prof., doktor sel'skokhoz.nauk; LYAYMAN, E.M., prof., doktor biolog.nauk; GRINEVSKIY, A.M., kand.ekonom.nauk; VAVILKIN, A.S., kand.biolog.nauk; KARPANIN, D.P., kand.biolog.nauk; BABKINA, N.G., red.; ZUBRILINA, Z.P., tekhn.red.

[Raising fish in ponds] Prudovoe rybovodstvo. Moskva, Gos. izd-vo sel'khoz.lit-ry, 1959. 347 p. (MIRA 13:8)
(Fish culture)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900036-6

Q. I am curious, Sir, if

A. I am curious, Sir, about your opinion of the [redacted] principle? I think it's a good one.

Q. I am curious, Sir, about your [redacted]

TARZEV, A.G. [Takzei, A.H.]; GRINEVSKAYA, N.G. [Hrynevsk'a, N.H.]

Revision of the yield norms for slaughtering products.

Khar. prom. no.1:78-30 Ja-Mr '65.

(MIRA 134)

GRINEVITSKIY, Yu.S., arkitektor; YELIZAROV, S.I., inzhener,

Landscape grounds of the Central Moscow stadium. Gor.
khoz. Mosk. 30 no.9:13-15 S '56.

(MLRA 9:12)

(Moscow--Landscape gardening)

GRINEVICHUS, E.Ch. [Grinevicius, E.]

Flame cleaning of bridges in painting. Put' i put.khoz. 6
no.3:ll Mr '62. (MIRA 15:3)

1. Mostovoy master stantsii Klaypeda, Litovskoy dorogi.
(Painting, Industrial)

GRINEVICHUS, E.A. [Grinevicius, E.]

Experience in the exchange of bridge timbers. Put' i put,khoz. 8
no.3:26 '64.
(MIRA 17:3)

1. Stantsiya Klaypeda. Pribaltiyskoy dorogi.

KOCHERGIN, S.V.; GORYUSHKIN, F.F., dorezhnyy master; BORISENKO, D.G., brigadir;
GRINEVICHUS, E.A. [Grinevicius, E.]; KURS V.G., brigadir; SELIONOV, S.I.;
BEN'KOVSKIY, V.Ya.; PIRIYEV, A.M.

Letters to the editor. Put' i put.khoz. 7 no.2:36-37 '63. (MINA 16:2)

1. Zamestitel' nachal'nika Rossoshanskoy distantsii Yugo-Vostochnoy dorogi (for Kochergin).
2. Stantsiya Kudinovo, Moskovskoy dorogi (for Goryushkin).
3. Stantsiya Kabanitsa, Moskovskoy dorogi (for Borisenko).
4. Starshiy dorozhnyy master, stantsiya Klaypeda, Litovskoy dorogi (for Grinevichus).
5. Stantsiya Cheremkovo, Vostochno-Sibirskey dorogi (for Kurs).
6. Zamestitel' nachal'nika distantsii, Manzovka, Dal'nevostochnoy dorogi (for Selionov).
7. Nachal'nik otdela zashchitnykh leschinasazhdeniy sluzhby puti g.Kuybyshev (for Ben'kovskiy).
8. Zamestitel' nachal'nika distantsii, Khachmaz, Azerbaydzhanskoy dorogi (for Piriyev).

(Railroads--Track)

GARINOVICH, Yu. G., Study Cand. Tech. Sci--(dissertation) of the optimal
amplitude-phase modulation." Tashkent, 1958. 14 pp with drawings (in of
Culture USSR. Kiev Order of Lenin Polytech Inst. Chair radio transmission
installations), 135 copies (PL, 30-52, 127)

108-7-4123

Experimental Investigation of the Method of an optimal
Amplitude-Phase-Modulation.

character increase the distinctness of sounds by 17%, of
words by 30%, of phrases by 35%. If there are no noises
distinctness is increased correspondingly by 9,8 and 7%.

3. On the occasion of the transmission of a musical program
the effect of using an optimum modulation grows with an
increasing breadth of the spectrum of the transmitted
signal and with a reduction of the breadth of the range
of transmission of the receiver before the detector.
(With 2 tables, 3 illustrations, and 5 Slavic references)

ASSOCIATION: not given.

PRESENTED BY: -

SUBMITTED: 9.7.1956

AVAILABLE: Library of Congress.

CARD 2/2

AUTHOR

TETEL'BAUM S.I., Regular member of the Radio Society,
GRINEVICH Yu.G.

TITLE

Experimental Investigation of the Method of an optimal
Amplitude-Phase-Modulation.
(Eksperimental'noye issledovaniye metoda optimal'noy
amplitudno-fazovoy modulyatsii. - Russian)

PERIODICAL

Radiotekhnika 1957, Vol 12, Nr 5, pp 42-47 (U.S.S.R.)

ABSTRACT

An integrator is described and the results of comparative
measurements concerning the distinctness of speech in the
case of an amplitude and an optimal amplitude-phase-modulation
is dealt with both with and without disturbances.

1. The basic theoretical conclusions are confirmed by
experiments. The limits of integration in the integrator
system for optimum amplitude-phase-modulation can be selec-
ted in such a manner that the periods of the lowest sup-
pressed frequency are equal.

2. The changing over of radio communication lines with one
amplitude modulation into such with an optimum amplitude-
phase-modulation in the presence of noises with pulse

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6.900^b
Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 17, p 211 (USSR)

AUTHOR: Grinevich, Yu.G.
TITLE: Approximate Evaluation of Admissible Errors of Signal Integration in an
Amplitude-Phase Modulation System
PERIODICAL: Tr. Taganrogsk. radiotekhn. in-ta, 1957, Vol 3, Nr 2, pp 75-79

ABSTRACT: The accuracy of calculating the linear function increment of the HF-oscillation phase $\varphi(t)$ at an amplitude-phase modulation, is determined, which is necessary in order to obtain the desired degree of suppression of the second side frequency in the case of sinusoidal form of the transmitted signal. An example of the evaluation is given and the criterion for the capacity of the system to suppress one side frequency band is pointed to. There are 4 references.

V.M.L.

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A002/A001

Translation from: Referativnyy zhurnal, Elektronika, 1959, No. 11, p. 247
27931

AUTHOR: Grinevich, Yu.S.
TITLE: Narrow-Band Noiseproof Modulation System?
PERIODICAL: Tr. Taganrogsk. radiotekhn. in-ta, 1957, Vol. 3, No. 2, pp. 67-74

TEXT: A brief review is given of narrow-band noiseproof modulation systems. Common features, regardless of different ways of realizing these systems, are shown. The existing 8 methods are divided into 2 basic groups: 1) modulation methods with carrier emission; 2) modulation methods with carrier suppression. It is shown that there is a possibility of developing a unified viewpoint with respect to different modulation methods (both wide-band and narrow-band methods), which can be used in discussing modulation problems in the radio transmitter course and in the general theory of communications. There are 11 references.

V.M.L.

Translator's note: This is the full translation of the original Russian abstract.

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9(0), 6(4)

Experimental Investigation of the Optimum Amplitude-Phase Modulation
both cases of radio-link operation: amplitude modulation and optimum-phase
modulation. It was pointed out that changing the modulation method on a radio
link from AM ($\Delta F = 4\text{kc}$) to the optimum AFM ($\Delta F = 2\text{kc}$), at a noise level of
 $U_s \approx U_n$, improved the sound intelligibility by 17%, word intelligibility by 30%,
and sentence intelligibility by 35%. Without noise, the intelligibility improved
by 9, 8, and 7% respectively. Audition of musical and speech programs has
showed that the effect of the optimum AFM is more pronounced for a wider
signal spectrum and for a narrower (up to a certain limit) RF passband of the
receiver. On grounds of the above experiments, the inference is drawn that
the optimum AFM should be adopted in radio-broadcast transmitters.

Bibliography: 9 items.

V. M. L.

Card 2/2